



The Axor. The Actros

Long distance transport. 18 - 44 tonnes gcw



Mercedes-Benz
Trucks you can trust

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Equal to any task in long distance transport. Including yours.
The Actros and the Axor from Mercedes-Benz



Whatever you need to transport and however far you need to take it, the Actros or the Axor is the perfect long distance truck for practically any application. The Actros for the highest level of ride comfort in the international long distance sector. And, for medium-distance work, the Axor – with the customary high payload and a wealth of practical details that make the job easier. As you will see.



Sets standards: the Actros

Outstanding reliability and economy, impressive driving and living comfort and exemplary safety – these are the key attributes with which the Actros sets standards in international long distance operations.

High comfort – the Actros excels with an ergonomically designed workplace and great freedom of movement, and sets standards in practicality, comfort and equipment, from the precise steering and graphics-capable instrument cluster to the comfort beds. There are also numerous other practical features included as standard, such as a towel holder and shaving mirror, providing additional comfort.

Low costs – thanks to the Actros you're sure to find yourself travelling down a particularly economical route: take its highly reliable, frugal BlueTec® 5 engines, for example, or the standard-fit Mercedes PowerShift 2 automated transmission. An optionally available Economy Pack (on selected models only) increases cost-effectiveness even further, and an exemplary range of safety features plus optional driver assistance systems mean yet more safety and comfort on the road. Climb in and see.





V8

Actros

YCC 632



The ideal conditions for more job satisfaction

The cabs of the Actros convince even the most critical test drivers. And the most cost-conscious too. Because they combine comfort, cost-effectiveness, exemplary ergonomics, numerous practical features as standard and trailblazing design.

Strikingly attractive and powerful, from the sun visor right down to the front apron: trademark Actros features. Not only does it boast an attractive design; it also leaves nothing to chance where comfort, safety and economy in day-to-day operations are concerned. As a driving, working and living environment, the cabs more than meet today's constantly increasing expectations. They feature an ergonomically designed instrument cluster, a one-touch indicator function supplied as standard, an optional rain and light sensor, a comfort bed at the bottom, which is also included as standard, and many other practical details. Not forgetting headroom of up to 1.92 m, great freedom of movement and large stowage facilities. Everything in the Actros serves a single purpose: to ensure the job gets done comfortably, safely and cost-effectively.



The improved corner panels combine better looks with better aerodynamics and increased safety



The geometry of the exterior mirrors ensures less vibration and less dirt build-up on the sides. They are optionally available with covers painted in the vehicle colour or with a two-piece chrome-plated or ribbed cover



The optionally available Mercedes star, which lights up at the touch of a button, shows that both are possible: being on the road cost-effectively and still looking good



The sun visor, which is standard, improves visibility and safety. Its central stainless steel panel also accentuates the striking appearance of the Actros

You can't put a price on motivation. But you can on the cabs that provide it

The cabs of the Actros feature countless examples of how ergonomics, comfort and design can be combined to produce the one factor that is probably most important of all in international long distance operations: the motivation to take pleasure in a job well done.

The interior of the Actros: great freedom of movement and plenty of working and living space. The high roof sleeper and MegaSpace cabs are equipped with an air-sprung driver's suspension seat, manually adjustable air conditioning and the lower and upper comfort beds as standard, plus numerous practical shelves and stowage compartments. The more direct steering makes for an easier workload in the 4 x 2 and 6 x 2 semitrailer tractors with air suspension, and the rain and light sensor (standard on Long Distance and Executive trims) improves both operating comfort and safety. The one-touch indicator function is supplied as standard for even greater convenience: just touch the indicator stalk once – and the indicators on the Actros flash five times. The atmosphere and quality of finish inside the Actros are also convincing – high-grade materials and attractively coordinated colours ensure a high-quality feel and appearance. To make sure that the driver feels at his or her very best on the road.



The MegaSpace cab meets the very highest expectations. Both in terms of freedom of movement and working/living comfort. From the completely level floor with headroom of 1.92 m to the standard comfort suspension seat for the driver and the well-proven cockpit design, right up to the first-class beds and plenty of practical stowage facilities – including two separate, externally accessible stowage compartments for the necessary vehicle tools. In short, the MegaSpace cab has everything you need on a long journey. And everything to make a driver's heart beat faster



The high roof sleeper cab excels with its comfortable, driver-oriented interior, with features including a comfortable driver's seat, manually adjustable air conditioning and the upper and lower comfort beds. Plus many more practical, motivation-enhancing features



The optionally available comfort suspension seat ensures a relaxed and safe ride thanks to its versatile adjustment possibilities, such as lumbar support, lateral contour support and seat heating



In conjunction with the driver's seat, the steering wheel adjustment range of up to 66 mm for height and from 10° to 42° for rake ensures optimal driving comfort. In addition, the 10° parking position allows easier access and egress for the driver together with excellent cross-cab access



The telephone, radio and driver information system can be operated using the keys on the multifunction steering wheel, which is also available in fine leather. It can also be used to access diagnostic functions and various onboard settings – from an alarm clock to an auxiliary heater



The analog and digital displays in the instrument cluster with chrome dial surrounds boast optimum legibility, thanks to a winning combination of lettering, colours and dials

From the air-sprung suspension seat to the optional ventilated comfort air-sprung suspension seat, all the drivers' seats ensure the best possible seating position and therefore safe, relaxed driving. The comfort suspension seat, optionally available for both the driver and co-driver, can also be specified with a pneumatic lumbar support, adjustable side bolsters and heating. The rain and light sensor (standard on Long Distance and Executive trims) noticeably assists the driver and improves safety even further. It automatically

switches on the wipers in five individually adjustable stages when it rains, and switches on the vehicle lights when darkness begins to fall. The illuminated control panel for the Telligent® level control and a switch in the cockpit, at the touch of which the Actros can be brought to standard level, also contribute to greater working comfort. As does the standard-fit battery status indicator, which informs the driver of the battery charge level and startability, thus helping to avoid unforeseen downtimes.

The standard-specification compressed air connection on the rear of the driver's seat can be used for cleaning the cab. A compatible compressed air gun with spiral hose is optionally available.



1. Maximum seating comfort – the climate-controlled suspension seat keeps the seat cool without any unpleasant draughts. The upholstery of this seat, which is optionally available for both the driver and co-driver, is made from a combination of tough velour and elegant Alcantara

2. Numerous adjustments such as height adjustment with a memory function, variable seat cushion angle adjustment, seat cushion height adjustment and a height-adjustable seat belt contribute to optimal seating comfort for safe, relaxed driving

3. The optional radios with an integrated Bluetooth hands-free system leave no wishes unanswered: in addition to a radio and CD player compatible with all common music formats, these units feature interfaces for connecting MP3 players, CD-changers and TV

4. The ball-type air vent prevents the side windows from misting or freezing over, and provides a flow of cool air for the driver in the summer months. The illuminated switches for the central locking system, electric windows, mirror adjustment and mirror heating system are exactly where you would expect to find them



The cockpit of the low and high roof sleeper cabs has numerous practical features, for example the large upper stowage shelf and secure receptacles for cups, cans and bottles. Directly underneath: a drawer with a capacity of 5.5 l for freight documents and other paperwork. The cockpit comes with “brushed steel effect” as standard (Long Distance and Executive trims) and “wood effect” is available as an option. Heating, ventilation and climate control: the low and high roof sleeper cabs and MegaSpace cab are equipped with manually controlled air conditioning as standard. As an option, automatic climate control is available (standard on Executive trim) which automatically adjusts functions such as the fan setting, temperature and air distribution. And the Air Quality System automatically switches from fresh to recirculated air mode when necessary. Standard on sleeper cabs: a practically silent, temperature-controlled auxiliary heater and hot-air booster, both fully integrated into the ventilation system for maximum comfort during breaks and rest periods



The cockpit of the MegaSpace cab, as well as those of the sleeper cabs, has four additional spacious stowage trays. And to make sure that no gymnastics are needed to get into the upper comfort bed, a fold-out step is integrated between them



Advantages at a glance

- **MegaSpace cab with completely level floor and headroom of 1.92 m**
- **Multifunction steering wheel with which the telephone, radio and diagnostic functions can be controlled**
- **Standard-specification battery status indicator to avoid unforeseen downtimes**
- **Instrument cluster with large matrix display and optimum legibility**
- **One-touch indicator function as standard**
- **Optional comfort suspension seat or comfort air-sprung suspension seat with multi-stage ventilation**
- **Rain and light sensor standard on Long Distance and Executive trims**
- **Ball-type air vent for clear side windows**
- **Illuminated switch console for electric windows, mirror adjustment, mirror heating and central locking system**
- **Optional automatic climate control (standard on Executive trim)**



You'll love it. Perhaps just as much as your own home

What makes driving a pleasure? What makes for a comfortable home? And what makes a space seem larger? The Actros has the answers.

The Actros has plenty of features to offer where living comfort is concerned as well: standard features include the comfort bed, a sunblind on the driver's side, a shaving mirror, two towel holders and a seat that can be folded forward simply by unlatching¹⁾ the backrest. Options include a folding table and a sunblind on the co-driver's side, as well as our favourably priced Comfort Pack. In short: there is a great deal to look forward to in the Actros.

Also on board: large stowage facilities, co-driver's seats that promote wellbeing and lighting for any situation – for example cockpit illumination, green night-lighting and – on request – dimmable, blue ambient lighting for an extra-pleasant atmosphere. Another option: Bluetooth radios which can be operated either directly, via the steering wheel or via a switch module near the beds.



¹⁾ Standard equipment in conjunction with the upper bed and air-sprung seats

The optionally available folding table is easily erected and folded away, enabling you to eat and work in a relaxed environment on the co-driver's side. The table surface is hard-wearing and can be stowed away in the sleeper cabs and MegaSpace cab in the rear stowage compartment or the centre stowage compartment above the windscreen



In the high roof sleeper cab and in the MegaSpace cab there are three large open stowage compartments fitted with hinged covers, illuminated and lined with non-slip fleece. A CD box and a lockable security box are also available as an option



For those who like to start the day with a shave, the high roof sleeper cab and the MegaSpace cab include as standard a large, practical 21 x 15 cm shaving mirror which can be easily stowed away in the compartment above the windscreen



Depending on the cab and equipment level, practical stowage trays, compartments and drawers with a total capacity of up to 125 l can be integrated. The optionally available refrigerator with folding table is integrated into the upper pull-out drawer



Beneath the comfort bed: the internally accessible, outer storage compartments and the wide centre compartment in the low and high roof sleeper cabs provide plenty of storage space. In the MegaSpace cab there are two spacious drawers in place of the centre storage compartment



A crate of drinks can be easily accommodated in the internally accessible outside storage compartment of the Actros. In the MegaSpace cab there is a tool compartment for the vehicle tools, warning triangle, fire extinguisher and first-aid kit immediately below this



In the interior, the standard-specification roller sunblind for the driver's side reduces both heat penetration and glare on hot days – enhancing safety and ride comfort in bright sunshine. A roller sunblind for the co-driver's side is available as an option

Whether you choose the standard-fit function seat, the optionally available comfort suspension seat or the ventilated comfort air-sprung suspension seat, the co-driver's seats in the Actros also meet the most exacting requirements and offer the comfort you expect on long trips. In addition, with the exception of the function seat, all Actros seats can be released by means of a handle at the top of the backrest and then folded down forwards. In the high and low roof sleeper cabs, the seats are equipped as standard with velour covers in the "Brasao" design, as is the comfort suspension seat in the MegaSpace cab.

The beds in the Actros set standards: the standard-fit comfort bed at the bottom is also equipped with an individually adjustable slatted frame and high-grade foam mattress, for a really good night's sleep. An adjustable headboard improves comfort even further. A wide, fixed frame also ensures good seating comfort. The upper comfort bed also boasts an adjustable slatted base and a high quality foam mattress. In addition the angle of its surface can be variably adjusted to suit uneven ground up to an angle of -10°. Most Actros models are optionally available ex factory with a Comfort Pack, which delivers additional enhancements in terms of working and living comfort.



Standard: the multifunctional seat creates more space on the co-driver's side in a trice. This is because both the seat surface and the backrest can be folded, allowing a flexible and practical use of space



The comfort suspension seat, which is optionally available also for the co-driver's side: a variety of comfort features, such as lumbar support, lateral contour support and seat heating, helps to make sure that the co-driver is fresh and rested when the time comes to change drivers



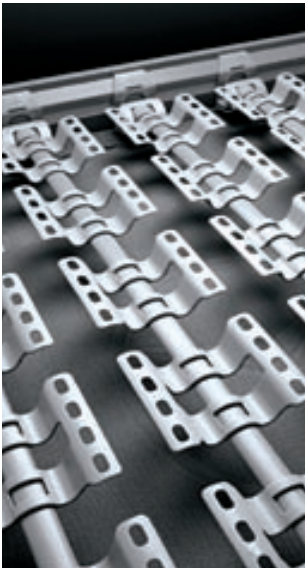
Maximum seating comfort for the co-driver - the optionally available ventilated comfort air-sprung suspension seat leaves almost nothing to be desired: on top of the advantages provided by the comfort suspension seat, it additionally features a ventilation system which systematically removes any heat and moisture from the seat without causing a draught



Two 42 cm towel rails mounted on the roof liner provide space for anything that needs drying en route



The 202x80 cm upper comfort bed (standard in sleeper cabs and the MegaSpace cab) justifies its name in every respect, as the angle of the bed surface can be variably adjusted to suit uneven ground, for example – either for sleeping or if used as a stowage area



Ensures optimum sleeping comfort in both Actros beds: the flexibly sprung slatted frame



Included as standard: the comfort bed at the bottom is equipped with a flexible, individually adjustable slatted frame, a height-adjustable headboard and a high-quality foam mattress, thereby ensuring optimum sleeping comfort. The lighting, radio, auxiliary heater and electrically adjustable pop-up roof can be conveniently operated from the bed



Advantages at a glance

- Co-driver's multifunctional seat with folding seat surface and backrest
- **Optionally available for the co-driver's side: comfort suspension seat or comfort air-sprung suspension seat with multi-stage ventilation system**
- Comfort bed at the bottom as standard, with slatted frame and adjustable headboard
- Upper comfort bed with a range of practical setting options
- Body contour supporting and flexibly sprung slatted frame in both beds
- Sunblind for the driver's side, also available for the co-driver's side on request
- Two 42 cm towel rails as standard
- 21 x 15 cm shaving mirror as standard
- Optional folding table on the co-driver's side
- Numerous practical stowage trays and compartments
- Optional refrigerator with a capacity of 25 l
- Optional Comfort Pack with a selection of features



1285

414 YCC

ACTROS

1844

It has never been easier to operate cost-effectively

Reliability and cost-effectiveness – those are the attributes that make the Actros so convincing in international long distance operations. In the sum of its parts and with every technical detail.

Purpose-designed technology and low costs come hand in glove with the Mercedes PowerShift 2 automated transmission included as standard in the Actros, and the durable, economical Euro 5 BlueTec® engines. Service intervals of up to 120,000 km and optional oil-change intervals of up to 150,000 km speak for themselves. The optimised compressed air control system of the 4 x 2 and 6 x 2 semitrailer tractors with air suspension and optional A-pillar trim also contribute to fuel economy. The Actros Lowliner ensures the best possible payload: capacity ratio in international long distance operations.



Economical and included as standard: Mercedes PowerShift 2 – thanks to specifically selectable programmes such as EcoRoll mode, the driver benefits from easier handling, improved ride comfort and better performance. For the vehicle operator this means a lower fuel consumption and – depending on the transmission variant – a higher payload



All Actros trucks come complete with Mercedes-Benz SCR diesel technology and sport BlueTec® lettering. As far as you're concerned this translates as follows: long maintenance intervals, low fuel consumption and thus Euro 5 compliance

Take a few moments to have a look under the bonnet. You'll find it very reassuring

Convincing arguments: durable and economical engines, extremely low particulate and exhaust emissions thanks to BlueTec[®], long service intervals and many other technical features that save you cash.

The engines for the Actros set standards where economy is concerned, thanks to their low fuel consumption. The Telligent[®] engine management system ensures the best possible injection strategy, with injection pressures of up to 2200 bar for extremely efficient and clean combustion. BlueTec[®] reduces exhaust emissions even further. In addition the Actros is equipped with power-saving units such as controlled 1-cylinder air compressors and a two-stage water pump¹⁾.

Depending on the operating profile, the Telligent[®] maintenance system allows service intervals of up to 120,000 km and oil-change intervals of up to 150,000 km. This is because it is guided by the actual wear and tear on the Actros – enabling the potential of all the operating fluids to be utilised to the full.

And you can kill two birds with one stone with the optional Biodiesel Package and its combination tank: use the auxiliary heater while running the Actros on biodiesel fuel.

¹⁾ On selected engines



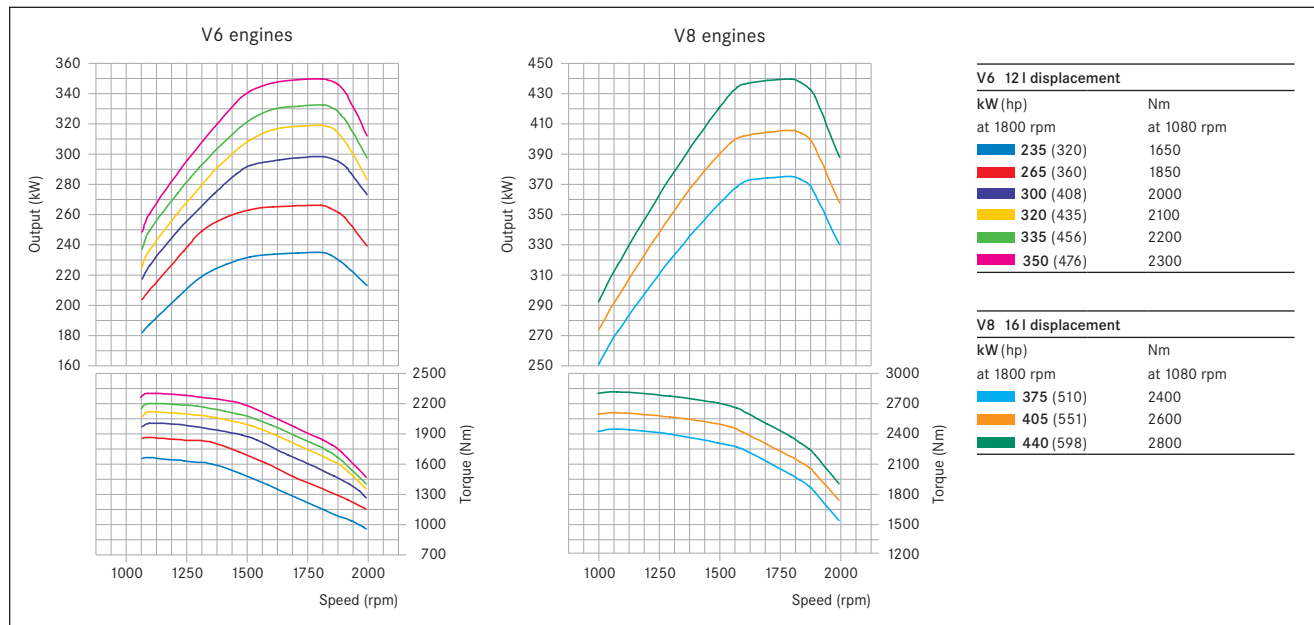
BlueTec[®] technology is based on engines with a particularly clean, low-particulate combustion process. AdBlue is injected into the stream of hot exhaust gases as they leave the engine. The SCR catalytic converter breaks the nitrogen oxides down into harmless nitrogen and water

BlueTec®, the SCR diesel technology from Mercedes-Benz, stands for cost-effective compliance with Euro 5, reduced fuel consumption, low particulate emissions, a low level of CO₂ emissions and compliance with the nitrogen dioxide (NO₂) limits which came into force at the beginning of 2010.

For all those for whom Euro 5 is not environmentally friendly enough, the Actros can, as an option, meet the stringent EEV (Enhanced Environmentally Friendly Vehicle)²⁾ standard, which ensures that the particulate values are approximately 33 % lower than with Euro 5 (subject to approval). Actros Euro 5 vehicles can be retro-fitted to EEV standard.



Roughly one litre of AdBlue is consumed for every 25 l of diesel fuel. The standard AdBlue tank capacity for semitrailer tractors is 85 l. AdBlue is readily available throughout the European Union, and also in many areas outside the EU: www.findadblue.com



From the V6 with 235 kW (320 hp) to the most powerful V8 unit with 440 kW (598 hp): the Euro 5 engines of the Actros already make their maximum torque available in the lower, fuel-efficient engine speed range. Lowering your diesel costs

i Advantages at a glance

- Reliable V6 and V8 engines with increased peak pressures and a low fuel consumption
- Future-proof BlueTec® SCR diesel technology for cost-effective compliance with Euro 5
- The environmentally friendly EEV emission standard²⁾ as an option
- Telligent® engine system, with injection pressures of up to 2200 bar for improved efficiency and clean combustion
- Telligent® maintenance system allows service intervals of up to 120,000 km and oil-change intervals of up to 150,000 km
- Biodiesel Package with combination tank available as an option

²⁾ Actros with engine outputs from 235 to 335 kW (320 to 456 hp) and standard exhaust silencer



Efficient gearshifts as standard – with Mercedes PowerShift 2

With the Mercedes PowerShift 2 12-speed automated transmission, the Actros satisfies practically any requirement that drivers and operators might have of a modern transmission for long distance operations.

The separately selectable programmes and specific additional functions of the Mercedes PowerShift 2 automated transmission contribute to improved ride comfort, safety and economy. Manoeuvring Mode allows extremely sensitive low-speed manoeuvres, for example, while the

EcoRoll Mode saves fuel. Mercedes PowerShift 2 is available in conjunction with non-synchronised direct-drive or overdrive transmissions, and optionally also with 16 speeds. This provides scope for the best possible, task-oriented drive configurations – in any output class.



Low costs and high levels of ride comfort included as standard: Mercedes PowerShift 2 – noticeably more dynamism, optimal handling and a lower fuel consumption. This is partly achieved by softer gearshifts, a shift strategy optimised with the help of inclination sensors, shorter interruptions in tractive power and reduced pitching and rolling

As an alternative to Mercedes PowerShift 2, the well-proven Telligent® gearshift with four synchronised 16-speed transmissions with different ratio spreads continues to be available.

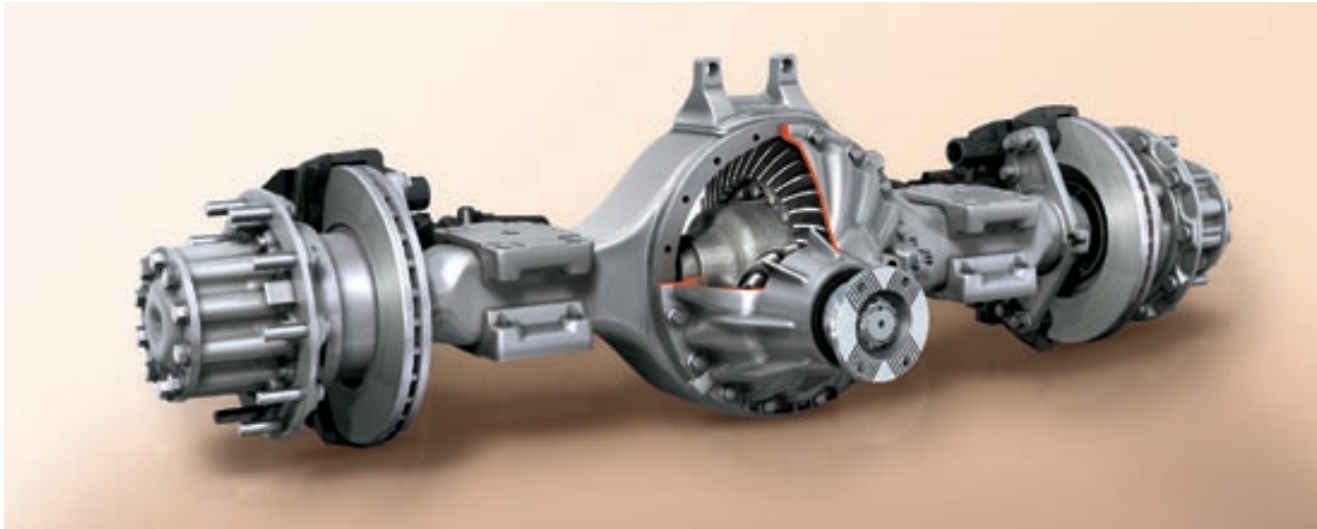
All drive axles are of extremely robust and reliable construction. The HL 6 single reduction axle is installed in the case of engines up to 350 kW (476 hp), as well as for Lowliners and low-frame vehicles; the well-proven HL 8 single reduction¹⁾ is used for the 375 to 440 kW (510 to 598 hp) output range, with the hub reduction axles available as an option.

The steerable and liftable Telligent® trailing axle available as an option for chassis cabs with air suspension reduces the turning circle, improves steering comfort and helps to reduce fuel consumption as well as brake and tyre wear. A lighter midlift axle (17.5") is available as an option for 6 x 2/2 semitrailer tractors. It weighs 250 kg less than a conventional midlift axle (22.5"), thus facilitating a higher payload.

¹⁾ Not for low-frame vehicles or Lowliners



Mercedes PowerShift 2 in the Actros helps to ensure greater ride comfort, safety and economy thanks to the five specifically selectable programmes Power Mode, EcoRoll Mode, Manoeuvring Mode, Rocking Mode and Extended Cruise Control range, where the speed range for drive and brake cruise control is wider and freely selectable. In addition, practical supplementary functions such as the ability to shift directly from 1 to R, high-ratio reverse gears and a kick-down function make for improved vehicle handling and more driving comfort. The instrument cluster shows the operating status and the currently active Mercedes PowerShift programme in the matrix display



Light and efficient: the single-ratio HL 6 hypoid rear axle is weight-optimised and helps to reduce fuel consumption in the engine variants up to 350 kW (476 hp). The HL 6 axle is also installed in low-frame variants and Lowliners. With a corresponding final drive ratio, the vehicles can also be equipped with a direct-drive transmission to save even more fuel



Advantages at a glance

- **Standard-fit Mercedes PowerShift 2 automated transmission with 12 gears and five specifically selectable programmes plus additional functions**
- **Shift lever on a folding console by the driver's seat**
- **The fuel-saving HL 6 single reduction rear axle used up to 350 kW (476 hp) and for Lowliners and low-frame vehicles**
- **The well-proven HL 8 single reduction rear axle for variants from 375 to 440 kW (510 to 598 hp)**
- **The hub reduction axle with maximum ground clearance is available on request**
- **Standard differential lock and ASR for maximum traction**
- **Liftable and steerable Telligent® trailing axle optionally available for a reduced turning circle**
- **Midlift axle (17.5") as an option for 6 x 2/2 semitrailer tractors for more payload**



The twin-bellows air suspension system is installed in the 4 x 2 and 6 x 2 semitrailer tractors as standard. Chassis cabs with air suspension feature the 4-bellows system. For even more driving comfort and handling safety, Actros variants with full air suspension are optionally available with Telligent® roll control. The Telligent® stability control available as an option for Actros semitrailer tractors is able to prevent hazardous situations such as skidding or jack-knifing, thereby improving safety even further.

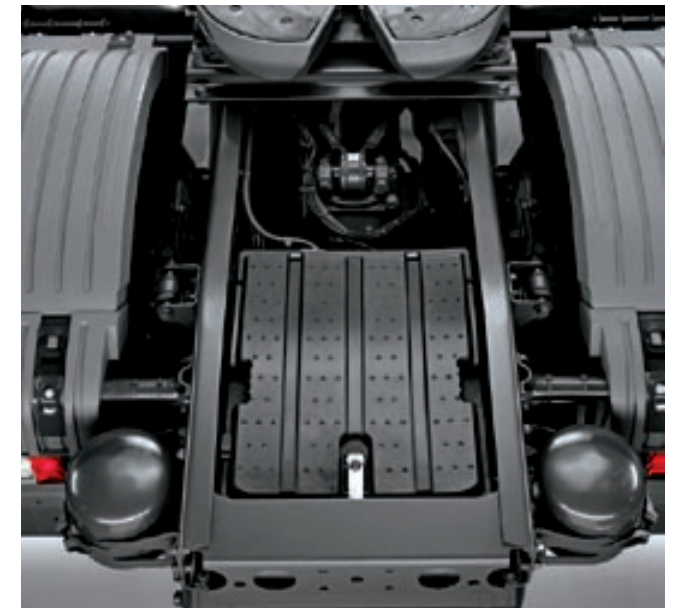
With the “Standard vehicle level” switch, Actros variants with air suspension can be automatically raised or lowered to the standard level. This saves time and ensures that the job in hand requires less effort.

In Actros models with a steel suspension, weight-optimised, corrosion-protected parabolic springs ensure the best possible ride comfort. All Actros variants are also equipped with shock absorbers, as well as front and rear axle stabilisers.

The standard-fit Trailer Integration function on the Actros enables drivers to view information about their load, for example the volume and pressure of the cargo in the case of a tanker or gas transporter. Drivers are also assisted by the integrated ramp guidance function and automatic lighting control. All the trailer information can also be accessed using FleetBoard®.



The frame of the Actros: particularly robust and highly compatible with mounted bodies thanks to cathophoretic dip painting and a 50 mm matrix of predrilled holes. Other advantages include a frame end consisting of bolted components which are easy and inexpensive to replace if repairs are needed. Moreover, the headlamps are located above the areas of the front apron that are particularly vulnerable to stone impact



The integral rear end included as standard with the MegaSpace cab and 6 x 2 semitrailer tractors makes optimal use of the available installation space – a tank capacity of up to 1430 l is possible in the case of semitrailer tractors with a wheelbase of 3900 mm and air suspension. Mounting hydraulic pumps or compressors is also a simple matter



The battery status indicator included as standard allows continuous monitoring of the battery charge and startability, thereby avoiding unforeseen downtime



Standard equipment in conjunction with air suspension: Telligent® level control for raising and lowering the frame, enabling semitrailers and demountable systems to be easily and quickly exchanged. The control panel is illuminated, and is therefore easy to see and operate in the dark



The twin-bellows air suspension for 4x2 and 6x2 semitrailer tractors dispenses with rear spring bellows, which makes it possible to locate the shock absorbers directly behind the axle. This improves handling and has advantages in terms of roll characteristics



Advantages at a glance

- Robust frame with a 50 mm hole matrix, ideal for mounting bodies
- Integral rear end for optimal use of installation space behind the cab
- Twin-bellows air suspension for improved driving dynamics and safe roll characteristics
- Standard-fit illuminated control panel for Telligent® level control
- “Standard vehicle level” switch for the Actros with air suspension
- Battery status indicator as standard to avoid unforeseen downtime
- Standard Trailer Integration for cargo status checks from the driver’s seat
- Even more safety available on request: Telligent® roll control and Telligent® stability control

The Actros – model overview	2-axle	1832	1836	1841	1844	1846	1848	1851	1855	1860
Engine (BlueTec® 5)	No. of cylinders	V6	V6	V6	V6	V6	V6	V8	V8	V8
	kW (hp)	235 (320)	265 (360)	300 (408)	320 (435)	335 (456)	350 (476)	375 (510)	405 (551)	440 (598)
	max. output (rpm)	1800	1800	1800	1800	1800	1800	1800	1800	1800
	Nm	1650	1850	2000	2100	2200	2300	2400	2600	2800
	max. torque (rpm)	1080	1080	1080	1080	1080	1080	1080	1080	1080
Cab	Day	•	•	•	•	•	•	•	•	•
	Maxi day	x	x	x	x	x	x	x	x	x
	High and low roof sleeper	x	x	x	x	x	x	x	x	x
	MegaSpace	x	x	x	x	x	x	x	x	x
Wheelbase in mm	Chassis cab ²⁾	4500 ²⁾	4500 ²⁾	4500 ²⁾	4500 ²⁾	4500 ²⁾	4500 ²⁾	–	–	–
		4800 ²⁾	4800 ²⁾	4800 ²⁾	4800 ²⁾	4800 ²⁾	4800 ²⁾	4800 ²⁾	4800 ²⁾	–
		5100 ²⁾	5100 ²⁾	5100 ²⁾	5100 ²⁾	5100 ²⁾	5100 ²⁾	–	–	–
		5400 ²⁾	5400 ²⁾	5400 ²⁾	5400 ²⁾	5400 ²⁾	5400 ²⁾	–	–	–
		5700 ²⁾	5700 ²⁾	5700 ²⁾	5700 ²⁾	5700 ²⁾	5700 ²⁾	–	–	–
		6000 ²⁾	6000 ²⁾	6000 ²⁾	6000 ²⁾	6000 ²⁾	6000 ²⁾	–	–	–
	Semitrailer tractor with rear air suspension	3600	3600	3600	3600	3600	3600	3600	3600	3600
		3900	3900	3900	3900	3900	3900	3900	3900	3900
	Chassis cab with rear air suspension	3900 ²⁾	3900 ²⁾	3900 ²⁾	3900 ²⁾	3900 ²⁾	3900 ²⁾	–	–	–
		4200 ²⁾	4200 ²⁾	4200 ²⁾	4200 ²⁾	4200 ²⁾	4200 ²⁾	4200 ²⁾	4200 ²⁾	–
		4500 ²⁾	4500 ²⁾	4500 ²⁾	4500 ²⁾	4500 ²⁾	4500 ²⁾	–	–	–
		4800	4800	4800	4800	4800	4800	4800	4800	4800
		5100 ²⁾	5100 ²⁾	5100 ²⁾	5100 ²⁾	5100 ²⁾	5100 ²⁾	–	–	–
		5400	5400	5400	5400	5400	5400	5400	5400	–
		5700	5700	5700	5700	5700	5700	–	–	–
		6000 ²⁾	6000 ²⁾	6000 ²⁾	6000 ²⁾	6000 ²⁾	6000 ²⁾	–	–	–
	Chassis cab with low frame	4800	4800	4800	4800	4800	4800	–	–	–
		5400	5400	5400	5400	5400	5400	–	–	–
		5700	5700	5700	5700	5700	5700	–	–	–
	Semitrailer tractor with air suspension all-round	3600	3600	3600	3600	3600	3600	3600	3600	3600
		3900	3900	3900	3900	3900	3900	3900	3900	3900
	STT with air suspension all-round and level control	3600	3600	3600	3600	3600	3600	–	–	–
Permitted axle loads and weights in kg	Permitted front axle load ¹⁾	7100	7100	7100	7100	7100	7100	7100	7100	7100
	Permitted rear axle load ¹⁾	11,500	11,500	11,500	11,500	11,500	11,500	11,500	11,500	11,500
	Permitted gross vehicle weight	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
	Permitted gross combination weight	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000

The Actros – model overview	3-axle	2532	2536	2541	2544	2546	2548	2551	2555	2560	
Engine (BlueTec® 5)	No. of cylinders	V6	V6	V6	V6	V6	V6	V8	V8	V8	
	kW (hp)	235 (320)	265 (360)	300 (408)	320 (435)	335 (456)	350 (476)	375 (510)	405 (551)	440 (598)	
	max. output (rpm)	1800	1800	1800	1800	1800	1800	1800	1800	1800	
	Nm	1650	1850	2000	2100	2200	2300	2400	2600	2800	
	max. torque (rpm)	1080	1080	1080	1080	1080	1080	1080	1080	1080	
Cab	Day	•	•	•	•	•	•	•	•	•	
	Maxi day	x	x	x	x	x	x	x	x	x	
	High and low roof sleeper	x	x	x	x	x	x	x	x	x	
	MegaSpace	x	x	x	x	x	x	x	x	x	
Wheelbase in mm	Chassis cab with rear air suspension	4200	4200	4200	4200	4200	4200	4200	4200	–	
		4500	4500	4500	4500	4500	4500	4500	4500	4500	
		4800	4800	4800	4800	4800	4800	4800	4800	–	
		5100	5100	5100	5100	5100	5100	5100	5100	–	
		6000	6000	6000	6000	6000	6000	–	–	–	
	Chassis cab with low frame	4500	4500	4500	4500	4500	4500	–	–	–	
		4800	4800	4800	4800	4800	4800	–	–	–	
		5100	5100	5100	5100	5100	5100	–	–	–	
		Semitrailer tractor with rear air suspension ³⁾	3900 ²⁾	3900 ²⁾	3900	3900	3900	3900	3900	3900	–
			3900	3900	3900	3900	3900	3900	3900	3900	–
Permitted axle loads and weights in kg	Permitted front axle load ¹⁾	7100	7100	7100	7100	7100	7100	7100	7100	7100	
	Permitted rear axle load ¹⁾	7100, 10,500	7100, 10,500	7100, 10,500	7100, 10,500	7100, 10,500	7100, 10,500	7100, 10,500	7100, 10,500	7100, 10,500	
	Permitted gross vehicle weight	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	
	Permitted gross combination weight	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	

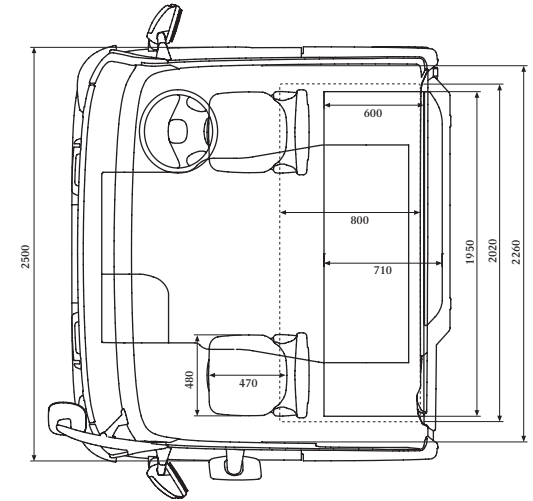
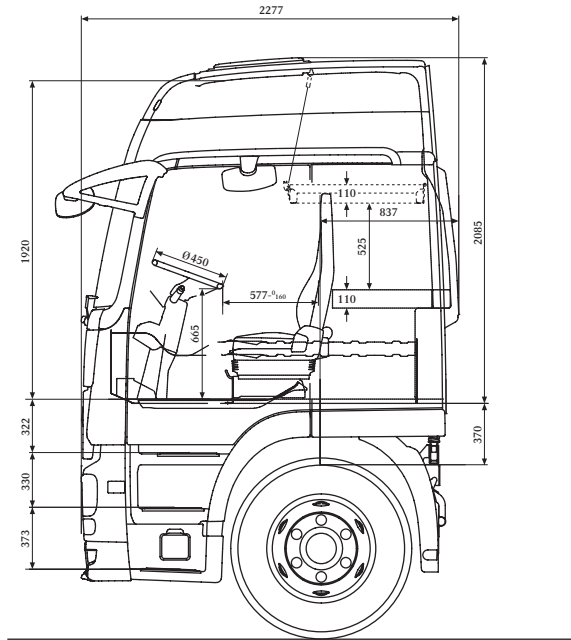
• Standard x Optional – Not available ¹⁾Based on standard tractor weights ²⁾No MegaSpace cab available ³⁾Available with 22.5" midlift axle or lightweight 17.5" midlift axle

STT: Semitrailer tractor

The Actros – cab types

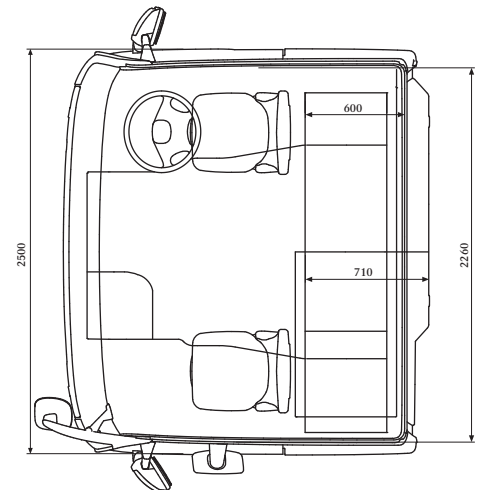
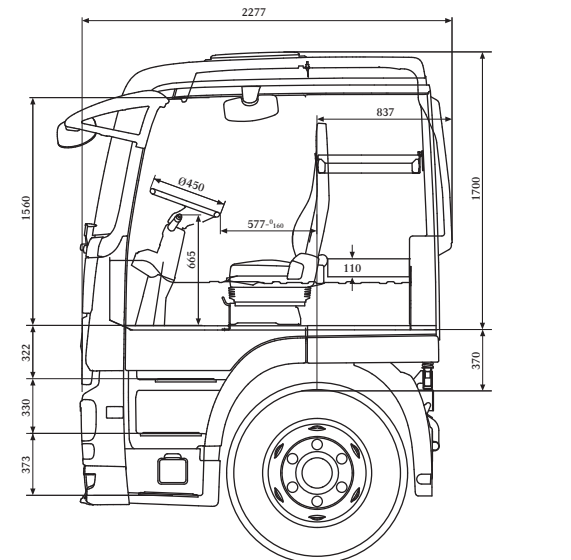
High roof sleeper cab

Exterior width: 2500 mm
 Exterior length: 2277 mm
 Interior width: 2260 mm
 Interior height: 1920 mm



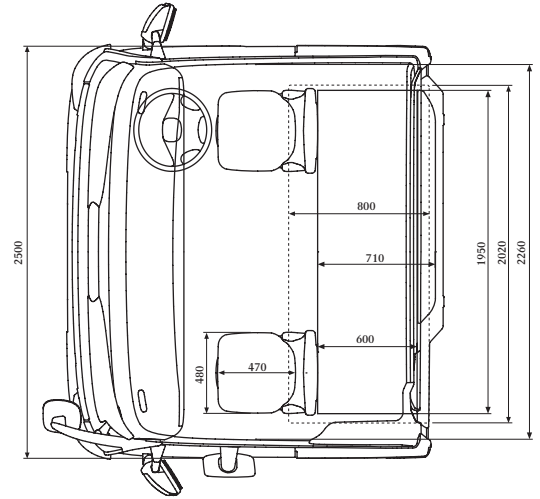
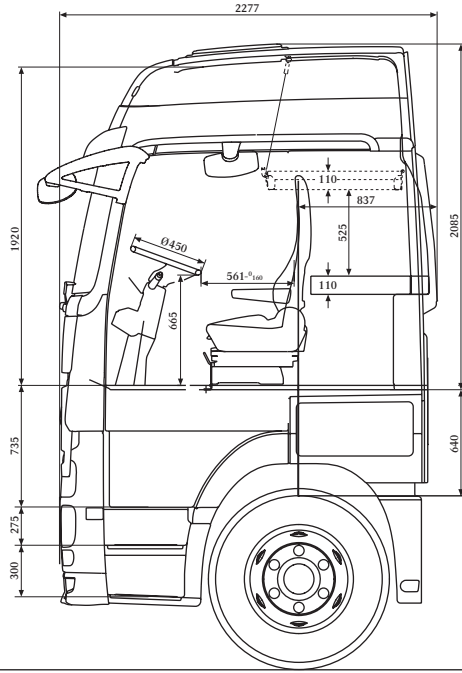
Low roof sleeper cab

Exterior width: 2500 mm
 Exterior length: 2277 mm
 Interior width: 2260 mm
 Interior height: 1560 mm



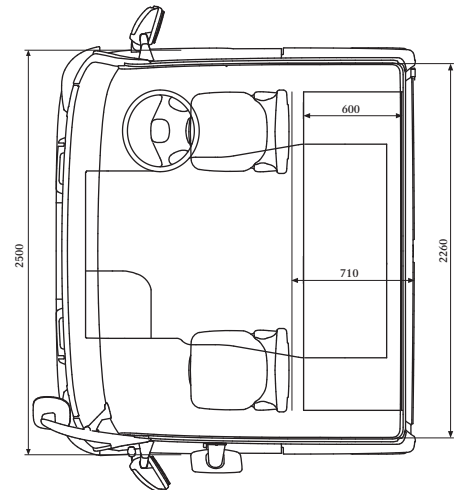
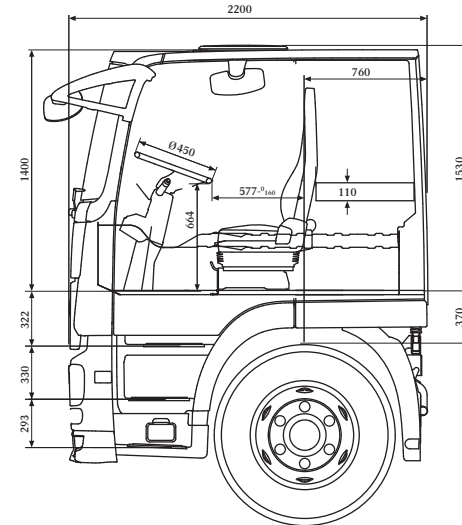
MegaSpace cab

Exterior width: 2500 mm
 Exterior length: 2277 mm
 Interior width: 2260 mm
 Interior height: 1920 mm



Sleeper cab
 with car transporter roof

Exterior width: 2500 mm
 Exterior length: 2200 mm
 Interior width: 2260 mm
 Interior height: 1400 mm



A lightweight. That works like a heavyweight.

The Axor

A high payload, low fuel consumption, exemplary reliability, safety and driver-oriented comfort – which means that the Axor delivers a convincing performance in national distribution operations. Both on the road and on the balance sheet.

Low weight combined with maximum economy – the Axor delivers outstanding results in weight-sensitive sectors, as a fleet vehicle and in regular or contracted haulage operations. It excels thanks to a low vehicle weight and its extremely economical and reliable Euro 5 engines with long service intervals. The Mercedes PowerShift automated transmission and two optional Economy Packs (on selected models only) increase the cost-effectiveness of the Axor even further. The radiator grille lends the Axor a distinctive exterior appearance and is also optionally available in the vehicle colour.

Comfort comes as standard – the Axor also meets high expectations in terms of equipment, comfort and safety: the interior excels with task-dedicated cockpits, exemplary operating convenience and many other driver-oriented features – from the standard-specification, graphics-capable instrument cluster with multifunction steering wheel to the optionally available Safety Packs (selected models only).







Yet another reason why so many enjoy this job so much

In order to deliver the goods in national distribution operations, you need a workplace that makes the job as pleasant as possible. Where you can feel right at home. The cabs of the Axor make sure of both.

Ideal dimensions – with the low and high roof sleeper cabs, the Axor is ideally equipped for national distribution operations. The sleeper cab is fitted with the comfortable standard bed. The high roof variant offers a good amount of headroom, plenty of stowage space and is optionally available with an upper comfort bed.

To ensure the best possible working conditions, the Axor is available with two cockpit versions. Ergonomically arranged controls, the standard-specification multifunction steering wheel, also optionally available in leather, and a comfortable driver's seat ensure optimal driving comfort. In short, from the key design to the optionally available coolbox, the Axor is an even more convincing workplace. Because it is tailored to the operational needs of its driver in every respect.



The Axor as a workplace: thanks to its ergonomically arranged controls and a practical stowage concept based on a projecting front bulkhead, the “Long Distance” cockpit of the Axor provides the best possible working conditions for national distribution operations. Thanks to the projecting shelf beneath the front bulkhead, the “Comfort” cockpit offers even more space. Soft, partially foamed surfaces are particularly pleasant to the touch in this cockpit. Both cockpits are available as standard with the “brushed steel effect” trim and the “wood effect” trim is an option

Have a good working day!

Anybody sitting at the wheel for up to four and a half hours at a stretch deserves a working environment that makes the job as pleasant as possible. To ensure calm, relaxed driving – in any situation.

Easy access – thanks to large, slip-resistant steps and particularly wide-opening doors, access to the workplace is quick and easy. Adjusting the seat, steering wheel and mirrors is also simplicity itself. The good all-round visibility is immediately reassuring, as is the standard air-sprung suspension seat. This meets all the requirements

for a healthy seating position that helps to maintain driver fitness. The seats feature integrated head restraints and are upholstered in robust flat-weave fabric with the “Brasao” design. A comfort suspension seat or climate-controlled suspension seat for both the driver and co-driver are available on request.

Different interior lighting variants ensure the best possible lighting conditions – these include, for example, cockpit lighting with a reading light, or the green night-lighting for relaxed driving in the dark in high roof cabs. The drive and braking cruise control function included as standard also does its bit to relieve driver stress.



Standard equipment for the Axor includes a multifunction steering wheel that is adjustable for height and reach, including buttons for controlling the driver information system, radio and telephone, for example. The multifunction steering wheel is also optionally available in high-grade leather



The instrument cluster trimmed with chrome rings and featuring optimised menus includes a graphics-capable display, which indicates important information about the vehicle's operating status, for example. If a manual gearshift is specified, a variable, green rev counter range is integrated as standard to help reduce diesel consumption



The standard-specification drive and braking cruise control function makes the driver's job easier: it combines the “Accelerate” and “Brake” functions in a single functional unit



The switch console on the door has the switches for the electric windows, mirror adjustment, mirror heating and central locking system. The variably adjustable ball-type air vent increases safety and comfort, for example, by preventing the side window from misting up



For all those items that must always be ready to hand – the open storage compartments in the doors also have space for a 1.5 l bottle. So a drink is always within easy reach and remains fresh for longer, as it is protected against direct sunshine



The comfort suspension seat optionally available for the driver and co-driver improves seating comfort and promotes relaxed, safe driving. Only the optional climate-controlled suspension seat, which conducts heat away from the seat surfaces, offers more comfort than this



Advantages at a glance

- Two different cockpit variants for different operating profiles
- Graphics-capable instrument cluster with variable, green rev counter range
- Multifunction steering wheel adjustable for height and reach for optimum ride comfort and ease of operation, also optionally available in leather
- Optional comfort suspension seat or climate-controlled suspension seat for the driver and co-driver
- Combined drive and braking cruise control as standard
- Variably adjustable ball-type air vent to keep the side windows clear
- Illuminated door switch console for electric windows, mirror adjustment, manual mirror heating and central locking system
- Different interior lighting variants

Just looking at it makes you feel good

Living comfort is made up of several factors. In the Axor, comfortable beds and generous, driver-oriented stowage facilities help to make sure that you feel at home while on the road – and can relax in comfort after a hard day’s work as well.

The cabs of the Axor are not just a winning proposition during the working day, they also offer outstanding comfort on jobs extending over more than one day. With beds that actually deserve the name, and with stowage facilities that also provide enough space for two people in the high roof sleeper cab – for example with large,

practical stowage areas above the windscreen and beneath the standard bed.

Other comfort-enhancing features include an optional refrigerator beneath the standard bed, air conditioning and a night heater (standard on sleeper cabs). For even more convenience, the night heater, interior lighting and

an optional alarm clock can also be operated using a switch console by the beds. As can the plastic pop-up roof. And in the high roof sleeper cab an electric glass roof hatch is standard.



The standard bed makes for a good night’s sleep with its comfortable, one-piece spring core mattress. And if drivers are changing vehicles, they can simply take their “own” mattress with them. The same applies to the optional upper comfort bed



The high roof sleeper cab can be specified with the upper comfort bed, which has an individually adjustable, body contour supporting slatted frame and a high-quality, one-piece foam mattress. A luggage rack is available as an alternative to the upper bed



Beneath the standard lower bed there are three large stowage compartments with a total capacity of around 300 l, of which the centre compartment can be fitted with a refrigerator. As an alternative to the lower bed, a folding bed is available for the extended day cab



The standardised DIN recesses above the windscreen provide space for everything that is needed in a truck nowadays – from the optional radios with an integrated Bluetooth hands-free system to a CD player



In the high roof sleeper cab, the stowage space above the windscreen is extended to include a generous stowage compartment with hinged cover and an open compartment



The Axor is equipped with an efficient heating and ventilation system as standard. This is air-controlled, and quickly provides cosy warmth even if the engine coolant has not yet reached its normal operating temperature. An optional air conditioning system improves the level of comfort even further. Also available is a particularly quiet night heater with two air vents for optimal warm air distribution (standard on sleeper cabs)



Advantages at a glance

- Comfortable standard bed with one-piece spring core mattress as standard
- Optional upper comfort bed with individually adjustable slatted frame available for the high roof sleeper cab
- Efficient heating and ventilation system as standard
- Optional air conditioning
- Practical stowage facilities, e.g. three large stowage compartments with a capacity of around 300 l beneath the standard bed





If saving money were always that easy

Whatever you need to transport in national distribution operations, the Axor offers the best conditions for doing it very cost-effectively, with reliable technology geared to the task in hand, with a high payload, low fuel consumption and the accumulated experience of Mercedes-Benz.

Lightweight, reliable and economical – attributes that make the Axor excel in day-to-day operations. Based on its weight-optimised frame and low vehicle weight, durable, fuel efficient 6-cylinder in-line Euro 5 engines and service intervals of up to 120,000 km¹⁾. But that is by no means all that helps to keep costs down. As standard, the Axor benefits from Mercedes PowerShift, the automated transmission whose characteristics support everything the Axor stands for: optimal handling, dynamic performance, low fuel consumption and of course a high payload. In short, the Axor possesses all the key attributes that make for cost-effective national distribution operations.

¹⁾In conjunction with Telligent® maintenance system



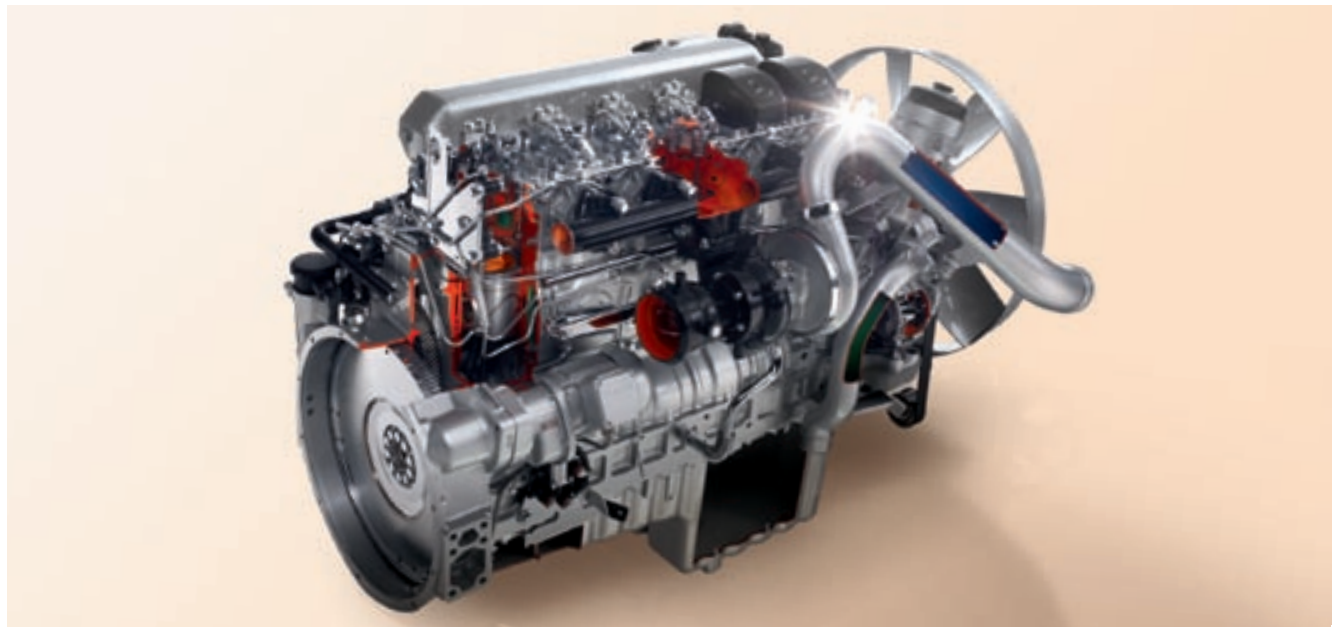
Combines maximum load carrying capacity with minimal vehicle weight for operations in sectors where payload is a prime consideration: depending on the variant and type of operation, the frame of the Axor is available with a side member thickness of 8.0 or 9.5 mm. The 50 mm hole matrix ensures excellent suitability for mounted bodies, while cataphoretic dip priming provides the best possible corrosion protection

Up to 315 kW (428 hp) – the Axor has what it takes for any job

Cost-effective compliance with Euro 5 in national distribution operations: durable and powerful 6-cylinder in-line engines in three output classes – with low fuel consumption, low exhaust emissions and long service intervals.

The BlueTec® in-line 6-cylinder engines of the Axor prove their worth day after day. By virtue of their robust, reliable and fuel-efficient construction, for example. Different transmission and axle combinations also ensure an efficient, fuel-saving power transfer. A key contribution is also made by the Telligent® engine system, as it allows a particularly efficient combustion process. This reduces both fuel consumption and exhaust emissions, and ensures a muscular performance that impresses even the most experienced drivers.

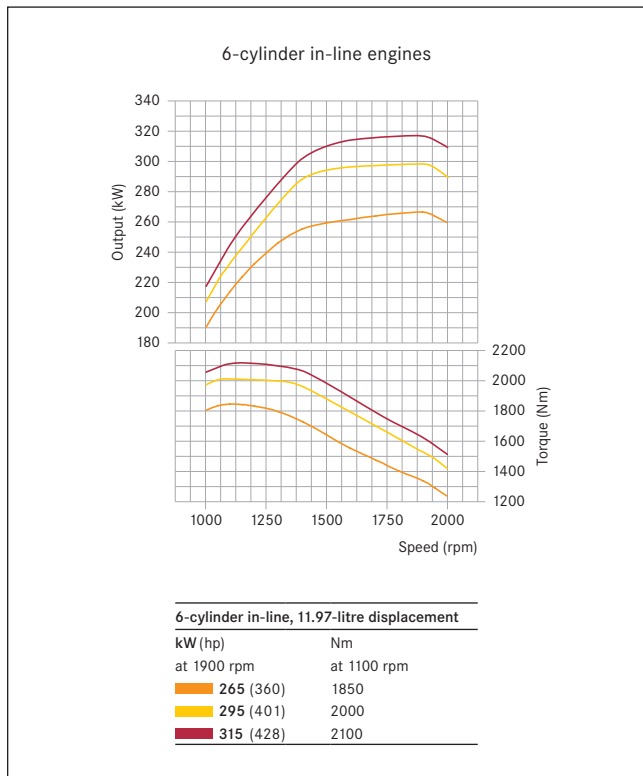
The Telligent® maintenance system allows service intervals of up to 120,000 km. In this case it is no longer the odometer that decides when the engine oil and other operating fluids are due to be changed, but rather the actual wear and tear on the vehicle. This avoids unnecessary downtime and further contributes to operating economy in national distribution transport.



The 6-cylinder in-line engines of the Axor excel with a high level of reliability and low fuel consumption. This is because all of them already make their maximum torque available in the most fuel-efficient engine speed range. This means that peak power is generated where it is needed most – on gradients, during acceleration and when overtaking

BlueTec® – safe, clean and economical: extremely low particulate emissions, low fuel consumption and therefore a low level of CO₂ emissions, as well as compliance with the nitrogen dioxide (NO₂) limit that came into force at the beginning of 2010, are among the major advantages of environmentally friendly BlueTec® technology.

For all those for whom Euro 5 is not enough, the Axor also comes with the option of engines that meet the strict EEV (Enhanced Environmentally Friendly Vehicle) emissions standard. Other potential benefits include the probability of a high resale value at the end of the vehicle's period of use, and the assurance that your journeys are both cost-effective and easy on the environment.



All the BlueTec® 5 in-line engines of the Axor already make their maximum torque available in the lower, fuel-efficient engine speed range. Another advantage of this concept shows itself on uphill gradients: as the engine speed falls, exactly the reverse happens with the torque, which increases. Power that impresses even the most experienced trucker



BlueTec® consists of the following components: 1. BlueTec® system displays and onboard diagnosis in the cockpit 2. Control and metering unit 3. AdBlue injection 4. Stainless steel silencer with integrated SCR catalytic converter 5. Improved engine 6. AdBlue tank 7. Delivery unit



Advantages at a glance

- Powerful, reliable and fuel-efficient 6-cylinder in-line engines with high torque at low engine speeds
- BlueTec® SCR diesel technology for cost-effective compliance with Euro 5
- Compliance with the stringent EEV emissions standard as an option
- Telligent® engine system for a particularly efficient combustion process and low exhaust emissions
- Service intervals of up to 120,000 km with the Telligent® maintenance system



Gearboxes for any requirement, for ride comfort, safety and economy. Plus transmissions and axles for any operating profile and topography, with a low fuel consumption as standard.

Mercedes PowerShift: this 12-speed automated transmission available as standard from 265 kW (360 hp) allows faster gearshifts and is able to transfer a higher torque than comparable synchromeshed transmissions. Additionally, a choice of different modes helps to enhance safety, cost-effectiveness and comfort.

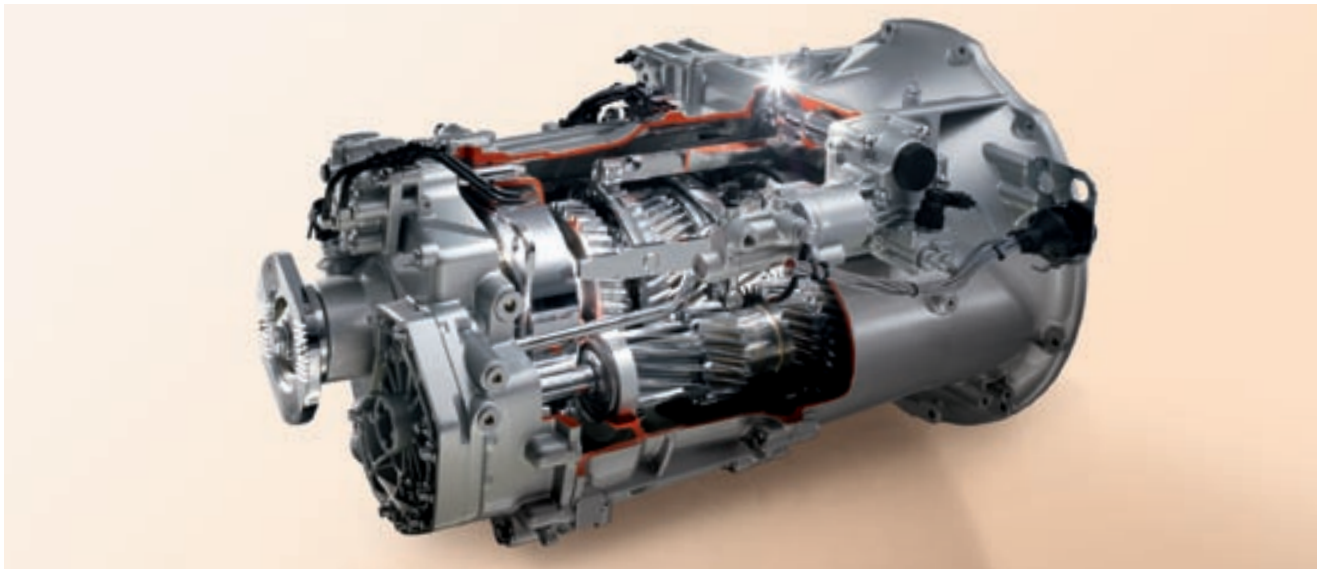
In Manoeuvring Mode, for example, slow-speed manoeuvring is even more precise and sensitive in the Axor, which means less risk of damage to the vehicle, trailer or semitrailer. It is also possible to shift directly from 1 to R, which saves time and effort. And the integrated kick-down

function enables more power to be summoned when it is needed, for example, when joining a stream of motorway traffic, overtaking or on uphill gradients. As another advantage, Mercedes PowerShift increases the payload of the Axor by up to 50 kg versus the previous synchronised transmissions.

If Mercedes PowerShift is not required the optional 9-speed direct-drive transmission allows smooth gearshifts and excels with special ratio spreads and perfect torque transfer.

The Axor is also optionally available with the 16-speed Telligent® gearshift, which not only impresses with its high performance on gradients and low manoeuvring speeds, but also with its low noise, long operating life and outstanding power-to-weight ratio.

Available as an ex-factory option, the midlift axle (17.5") for 6 x 2 Axor semitrailer tractors weighs around 250 kg less than a conventional midlift axle (22.5"), thus increasing payload and reducing fuel consumption.



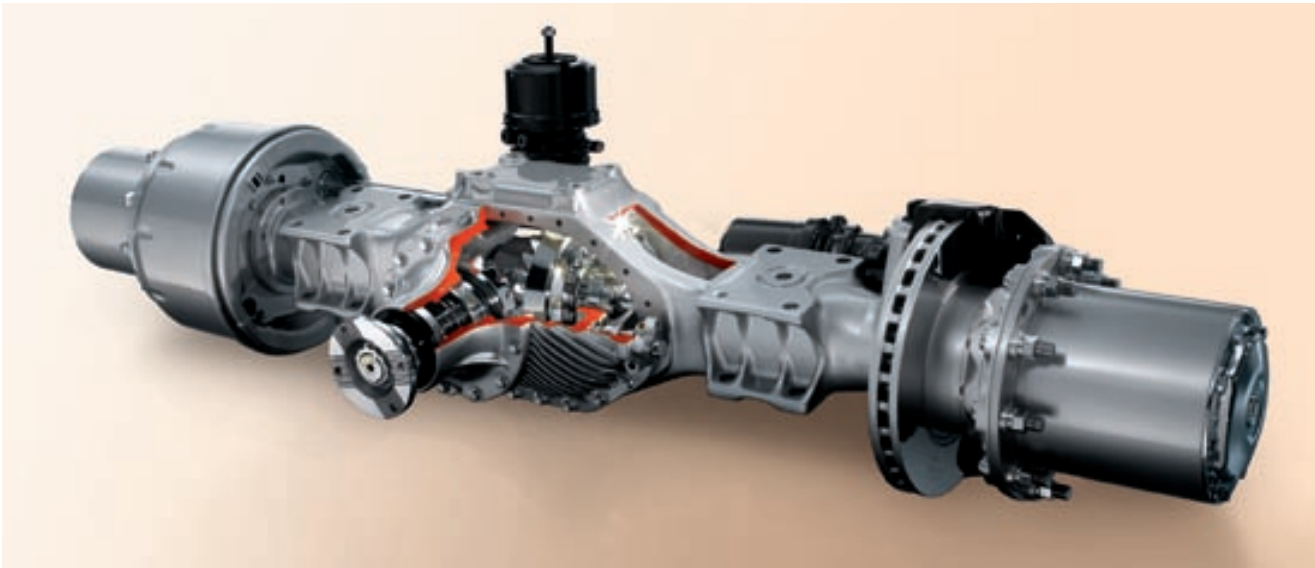
The 9-speed direct-drive transmission (eight speeds, one crawler) with hydraulic/pneumatic gearshift and a single-disc clutch is optional in the Axor, and ensures precise gearshift travel together with a high level of comfort. Another advantage is that the hydraulic fluid does not need to be changed or topped up for the entire operating life of the vehicle



Improved ride comfort at the touch of a button: specifically selectable programmes and additional functions in the Mercedes PowerShift automated transmission improve vehicle handling as well as safety and economy



Automated or manual – the Axor is equipped with the Mercedes PowerShift automated transmission as standard. A 9-speed manual transmission or the 16-speed Telligent® gearshift are available on request



Fewer gear wheels, lower friction losses and a lower fuel consumption – with the HL 6 single reduction rear axle and the 16-speed direct-ratio transmission, the Axor achieves a particularly low fuel consumption in the 80 – 85 km/h speed range thanks to the 1:1 ratio of the highest gear



Advantages at a glance

- Mercedes PowerShift 12-speed automated transmission as standard
- Smooth 9-speed direct-drive transmission with optimal torque transfer or 16-speed Telligent® gearshift optionally available
- Fuel-saving, single-ratio HL 6 single reduction rear axle as standard
- Optional for 6 x 2 semitrailer tractors: midlift axle (17.5") with approx. 250 kg less weight for a lower fuel consumption

Less weight, better ideas

Light in weight yet robust – thanks to an uncompromising reduction in vehicle weight, the Axor offers particularly important advantages in sectors where payload is the prime consideration. Without any penalties in terms of safety and driving comfort.

A low vehicle weight, maximum robustness and optimum driving characteristics. In the Axor these are due to the weight-optimised, torsionally rigid yet extremely robust parallel frame. Stabilisers and twin-bellows air suspension

increase the payload, as they enable various components to be dispensed with.

If an even higher payload is required, you can reduce the weight of the Axor even further. For example with

aluminium compressed air tanks, a lightweight fifth-wheel coupling or light-alloy wheels, which are all optionally available ex factory, and the alloy wheels also look particularly good.

Telligent® level control ensures rapid raising and lowering of the frame when exchanging demountable bodies, semitrailers and at loading ramps.

Another comfort-enhancing extra available for all cabs is the optional comfort cab suspension system. This features additional longitudinal mountings and rubber bearings to dampen vibrations caused by uneven road surfaces even more effectively. Which relieves driver stress. The sleeper cabs are optionally available with air suspension.



Axor semitrailer tractors with air suspension feature a twin-bellows air suspension as standard. In this suspension variant the shock absorbers are positioned directly behind the drive axle. The result is extremely stable handling, outstanding driving dynamics and optimum roll characteristics



Whether steel-sprung or air-sprung, the comfort cab mountings available as an option enhance ride comfort. By way of example: featuring additional longitudinal mountings and rubber bearings, they dampen impacts and vehicle vibrations caused by uneven road surfaces particularly effectively



The bodybuilder interface allows bodybuilders easy, uncomplicated and therefore cost-saving access to electrical systems, for easier “communication” between the vehicle and body during operations



Thanks to the inclusion of Telligent® level control as standard, the frame of the Axor with air suspension can, for example, be raised by up to 170 mm or lowered by up to 90 mm to suit loading ramps or when hitching/unhitching a semitrailer. Moreover, the air pressure in the spring bellows is automatically adapted to the vehicle load, so that the frame height remains constant even as the load increases



Advantages at a glance

- Weight-optimised frame with a 50 mm hole matrix, ideal for mounting bodies
- Optional lightweight components include a lightweight fifth-wheel coupling, aluminium compressed air tanks and light-alloy wheels
- Air-sprung semitrailer tractors have a twin-bellows air suspension as standard for a higher payload and safe roll-resistance
- Telligent® level control as standard for rapid raising and lowering of the air-sprung Axor
- Comfort cab suspension on request
- Bodybuilder interface for low-cost bodies and easy “communication” between the vehicle and body



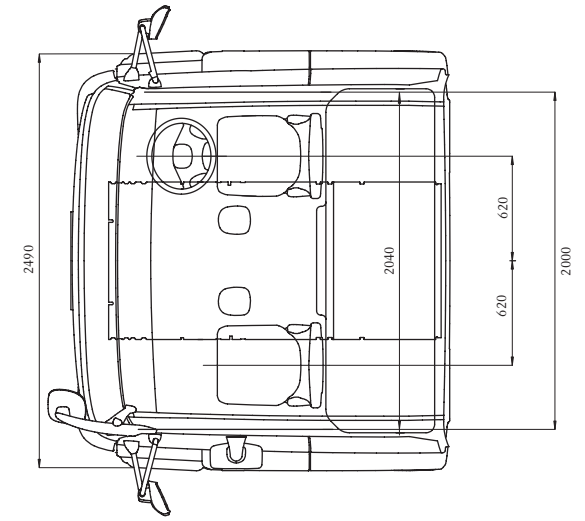
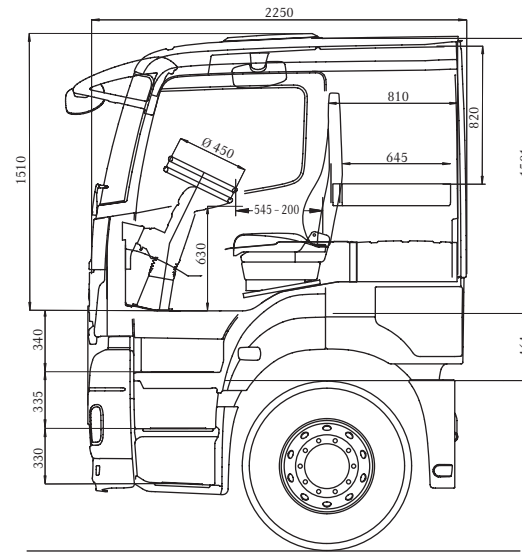
The Axor – model overview		1836	1840	1843	2536	2540	2543
Engine (BlueTec® 5)		OM 457 LA	OM 457 LA	OM 457 LA	OM 457 LA	OM 457 LA	OM 457 LA
	No. of cylinders	6 in-line	6 in-line	6 in-line	6 in-line	6 in-line	6 in-line
	kW (hp)	265 (360)	295 (401)	315 (428)	265 (360)	295 (401)	315 (428)
	max. output (rpm)	1900	1900	1900	1900	1900	1900
	Nm	1850	2000	2100	1850	2000	2100
	max. torque (rpm)	1100	1100	1100	1100	1100	1100
Cab	Extended day	x	x	x	x	x	x
	Low roof sleeper	•	•	•	•	•	•
	High roof sleeper	x	x	x	x	x	x
Wheelbase in mm	Semitrailer tractor with air suspension	3600	3600	3600	–	–	–
		3900	3900	3900	3900 ¹⁾	3900 ¹⁾	3900 ¹⁾
Permitted axle loads and weights in kg	Permitted front axle load	7100	7100	7100	7100	7100	7100
	Permitted rear axle load	11,500	11,500	11,500	7100, 11,500	7100, 11,500	7100, 11,500
	Permitted gross vehicle weight	18,000	18,000	18,000	25,000	25,000	25,000
	Permitted gross combination weight	40,000	40,000	40,000	40,000	40,000	40,000

• Standard x Optional – Not available ¹⁾ Available with 22.5" midlift axle or lightweight 17.5" midlift axle

The Axor – cab types

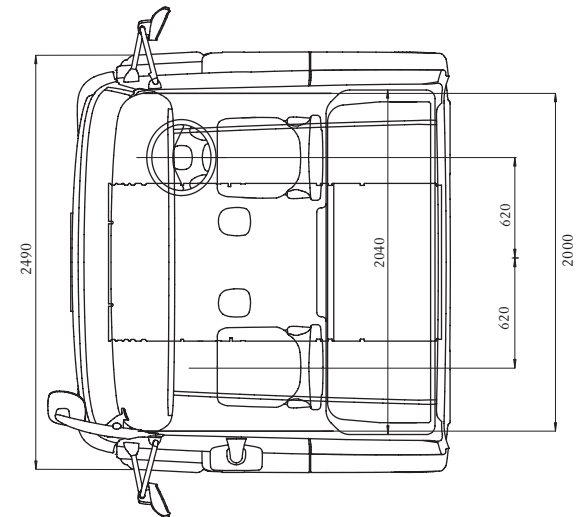
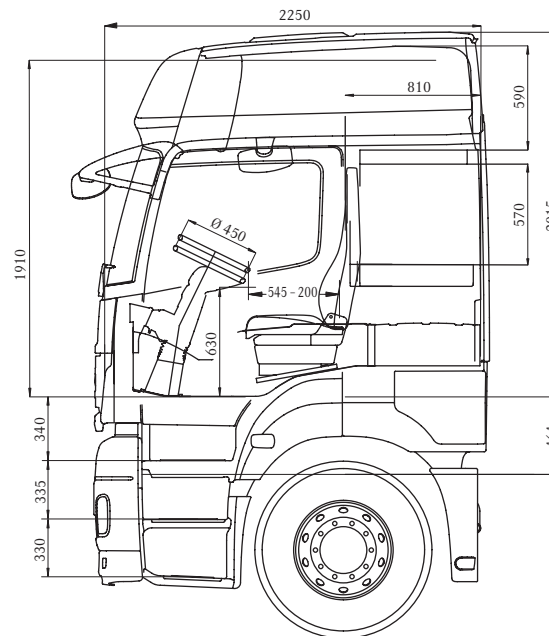
Low roof sleeper cab

Exterior width: 2490 mm
 Exterior length: 2250 mm
 Interior width: 2000 mm
 Interior height: 1510 mm



High roof sleeper cab (shown with two beds)

Exterior width: 2490 mm
 Exterior length: 2250 mm
 Interior width: 2000 mm
 Interior height: 1910 mm





More innovations, more safety, fewer accidents

One of our constant preoccupations is to further enhance the safety of our trucks.
The latest, most innovative example of this is Active Brake Assist 2.
This revolutionary system can also react to stationary obstacles.

Exemplary safety, on account of our desire to actively prevent accidents by introducing innovative technical solutions: firstly, Mercedes-Benz Active Brake Assist 2; secondly, cabs which meet the European ECE-R 29 standard; thirdly, good all-round visibility; and fourthly, the deployment of non-splintering, flame-retardant materials. Protection from dazzling sunshine is provided by roller blinds for the windscreen, the driver's side window and optionally the co-driver's side window. A driver airbag in conjunction with a belt tensioner is also available on request. To our mind, safety also includes protecting the vehicle and driver from uninvited guests – which is why a central locking system is available that locks the doors at the touch of a button, and also automatically closes any open windows and the roof hatch. What else? Various dynamic control and driver assistance systems, which significantly help to ensure that the driver, vehicle and cargo are even more safe when they're out on the road.



Unique and only from Mercedes-Benz: Active Brake Assist 2 offers an even higher level of safety as, compared to the previous Active Brake Assist system, the system also reacts to stationary obstacles such as the end of traffic jams. Vehicles crossing in front are also detected. If the worst comes to the worst, the system warns the driver with an audible tone and, if necessary, initiates partial braking. The driver therefore has valuable time to manoeuvre or perform an emergency stop if required. Active Brake Assist 2 is available as an option in conjunction with Telligent® proximity control. For more safety. And fewer accidents



Thoroughly tested safety and reliability – tests on the inertia dynamometer go right to the limits, so that the brake discs and linings perform as they should in any real-life situation

You can never have too many safety systems

Safety is relative, but minimisation of risks is not. That is why the Actros and the Axor are equipped with exemplary safety features as standard. A number of optional dynamic control and driver assistance systems are also available on request. For even less risk, and more safety.

The Telligent® braking system ensures that braking distances are short – with ABS, ASR, a continuous 10-bar brake pressure and internally ventilated disc brakes that lose none of their effectiveness under prolonged use. The integrated Brake Assist responds instantly in hazard-

ous situations, and immediately makes the full braking effect available. Except during full brake applications, the non-wearing brakes are also included in every braking manoeuvre. And the integrated hill-holder prevents the vehicle from

rolling forwards or backwards when moving off. The Telligent® braking system is standard equipment in the Actros, and is available as an option for the Axor. The Axor can also be optionally equipped with a turbobrake, a non-wearing brake that generates up to 450 kW of braking energy for more safety in hilly areas. The optional Telligent® stability control¹⁾ recognises a risk of instability, such as a skid or the tail sliding out, and intervenes to counteract these forces within the physical limits. By adjusting the engine torque as required, applying the brakes individually at the tractor vehicle's wheels and activating the trailer's braking system, it can prevent a potentially dangerous situation from actually developing, giving a further boost to safety. There are also various optional Safety Packs for the Actros and the Axor, available ex factory and at a particularly low-cost package price.

¹⁾ Only available for semitrailer tractors



A bi-xenon version of the clear-lens Actros headlamps is also available as an option. With a range of 65 m using low-beam headlamps and a range of 180 m using the main beam, these headlamps provide very good visibility in the darkness, similar to daylight conditions, which in turn means better safety. Foglamps for the front apron are also available on request



The Telligent® proximity control optionally available in conjunction with a retarder allows more relaxed and safe driving. Because the speed and gap maintained by the Actros or the Axor are automatically adjusted by the drive and braking cruise control as the traffic situation changes



The combined drive and braking cruise control included as standard accelerates the vehicle to the set speed on uphill gradients – and if necessary it brakes the truck to the speed you have preset when going downhill



The optionally available Telligent® Lane Assist warns the driver if the vehicle is about to leave its lane unintentionally. To this end it continuously monitors the distance between the vehicle and the lane markings. It warns the driver with an acoustic signal from the radio loudspeakers



Advantages at a glance

- Interior with non-splintering, flame-retardant materials
- Generous areas of glass, good all-round visibility and manually heated mirrors
- Optional airbag in conjunction with a belt tensioner
- Telligent® braking system for short stopping distances – with ABS, ASR, Brake Assist and hill-holder (standard on Actros, optional on Axor)
- Non-wearing turbobrake with braking power of up to 450 kW (Axor only)
- Actros: bi-xenon headlamps for better road illumination and improved safety
- Dynamic control and driver assistance systems for more ride comfort and safety:
 - Safety innovation Active Brake Assist 2 (Actros only)
 - Telligent® stability control
 - Telligent® proximity control
 - Telligent® Lane Assist
 - Safety Packs (selected models only)





Quality only has one yardstick: day-to-day practice

From the design stage to final inspection, everything we do serves a single purpose: to prepare our trucks for their daily work as well as possible.

Developed, built and tested for day-to-day operations – to make sure that our trucks are able to deliver what is needed on the job, they are subjected to a range of stringent tests each year. On the gruelling gradients of the Sierra Nevada in Spain, on the icy roads of Rovaniemi in Finland and during countless individual tests on test stations and in customer trials. Every single improvement or further development has to show that it has the absolute maturity to enter series production, and will perform as intended in practice: among them are the Mercedes PowerShift automated transmission, which contributes to greater fuel economy and cost-effectiveness, and BlueTec® technology which ensures particularly low exhaust and particulate emissions, thereby improving the environmental compatibility of the Actros and the Axor.



Fine-tuning that really pays off: carefully coordinated aerodynamics not only contribute decisively to fuel economy, but also reduce the wind noise caused by aerodynamic drag while helping to keep the doors and side windows free from dirt

High test requirements – high quality

Long distance transport is a tough environment. So our test programme is just as tough, because only a truck that has been optimally prepared for the rigours of day-to-day operation from top to bottom can do what we expect of it – and what you expect of it too.

Far tougher than normal – summer trials in the Sierra Nevada mountains: 10 hours or more at a stretch is what our trucks have to endure in the Spanish heat before a test day is over. But that is actually when the real work begins, as the measuring results are evaluated. Only in this way is it possible to identify weaknesses and rigorously eliminate them. Usually far colder than normal –

winter trials in Finland: the extremely cold climate, with temperatures as low as 40°C below freezing, provides the ideal conditions for testing the reliability and day-to-day suitability of a truck. These trials quickly reveal whether, for instance, the materials used for flexible mountings, air suspension components or seals are also able to withstand the most extreme climatic conditions.

It's true to say, the hard winters in Finland are partly responsible for the effectiveness of the heating systems in our trucks.

More rigorous than usual: customer trials constitute one of the most important tests. After all, nothing exposes weaknesses quite as mercilessly as testing in everyday conditions. Constant technical monitoring of the vehicles and in-depth surveys carried out among the drivers and operators give us ample opportunity to take any necessary corrective measures and blend “everyday reality” into the truck's construction before it goes into production. Any weak points can be eliminated and suggestions incorporated. The end result is a long distance truck that is capable of everything we expect of it – and, of course, of everything you expect of it too.



Accelerated weathering tests: during the dynamic corrosion test, the truck is subjected to extreme climatic conditions in the salt spray chamber and climate chamber for a period of several months. To test the quality of the corrosion protection for the vehicle as a whole, the truck also endures long test stretches on rutted roads, motorways, gravelled and muddy tracks



On the servo-hydraulic test station, forces which would normally occur when driving, for example, on uneven surfaces, on motorways and rural roads are simulated. By analysing the resultant forces, the vibration characteristics of the axles, frame and detachable body parts, for instance, can be improved. This enhances ride comfort and makes it easier for cargo to be transported with care



The engines of our vehicles are required to pass test station endurance trials that equate to a road mileage of over 3.6 million km. Because only an engine that is able to operate reliably for this long is optimally prepared for the real world



The propshaft test station further demonstrates the stresses to which the drive train is subjected before it is allowed to enter service. Test station trials with up to 58 different combinations of engine speeds and torques reflect the usage profile and can thus stress the propshafts to the utmost. To make sure that even the slightest damage and cracking is revealed, the shafts and joints are subsequently subjected to component analysis in the laboratory. This is the only way to be sure that they have passed the endurance test in all respects, and are able to meet the demanding requirements of long distance operations



Advantages at a glance

- Continuous further development of all vehicle components
- Regular quality tests on test stations and in practical trials
- Reliable and durable engines
- Optimised aerodynamics and aero-acoustics
- Extremely robust components with optimal corrosion protection
- Comfortable, ergonomically designed cabs
- Cost-effective vehicle operation



Our action plan for more cost-effectiveness in long distance operations: the Actros and the Axor

The primary purpose of trucks is to earn money. And not at the expense of the driver, but with low fuel consumption, a high payload and maximum vehicle availability.

Lower costs per kilometre – with the job-matched drive system configurations for the Actros and the Axor this is a fight you can win hands down. The trusty BlueTec® SCR diesel keeps consumption low, and you can also reduce costs by opting for the Economy Packs (selected models only).

The Mercedes PowerShift automated transmissions also improve cost-effectiveness. Potential savings can be realised with favourably priced service contracts or services such as FleetBoard® and the Mercedes-Benz Eco DriverTraining. But whether you're looking at aerodynamics, engine technology,

payload or maintenance and services – our action plan is continuously updated: for more cost-effectiveness in long distance operations.



Less resistance – including air resistance: at the typical cruising speed of 80 – 85 km/h in long distance operations, the proportion of overall fuel consumption accounted for by air resistance is around 50%. Accordingly the Actros and the Axor have outstanding aerodynamic features that have been carefully designed down to the last detail: from the front apron to the side-mounted air deflectors and cab side deflectors – everything contributes to a noticeably reduced fuel consumption. Mile after mile



Practical and easy to repair: the headlamps can simply be swung open for rapid bulb replacement. And in the Actros the lens can be separately replaced in the event of damage, which means less expensive repairs



The Telligent® maintenance system makes service intervals of up to 120,000 km possible for the Actros and Axor. This increases vehicle availability and lowers costs



Developing up to 450 kW of braking power the optional turbobrake can be elected for added safety. The non-wearing brake boasts another advantage beside this, as an Axor fitted with the turbobrake weighs a good 80 kg less compared to a retarder



As an option the new midlift axle replaces the conventional midlift axle on 6 x 2 Actros and Axor semitrailer tractors. Weighing a good 250 kg less than a conventional leading axle, it increases the payload and improves economy



The midlift axle, available on Actros and Axor semitrailer tractors, allows the mounting of additional equipment and/or aerodynamic side panels, saving fuel and improving economy



Advantages at a glance

- Dedicated and economical drive train configurations
- Fuel-efficient Euro 5 engines
- High resale value; BlueTec® technology also allows operation in low emission zones
- Fuel-saving units, for example controlled air compressors, optimised compressed air systems and the two-stage water pump
- Mercedes PowerShift automated transmission for a reduced vehicle weight and low fuel consumption
- Fuel-saving aerodynamics, optional Economy Packs (selected models only)
- Fuel-efficient tyres with a high operating mileage as standard
- Increased payload thanks to optional turbobrake (on Axor only) and lightweight components
- Optionally available for 6 x 2 Actros and Axor semitrailer tractors: the midlift axle (17.5") for around 250 kg less kerb weight and lower consumption
- Long service intervals and high vehicle availability



Building trucks does not mean having only trucks in mind

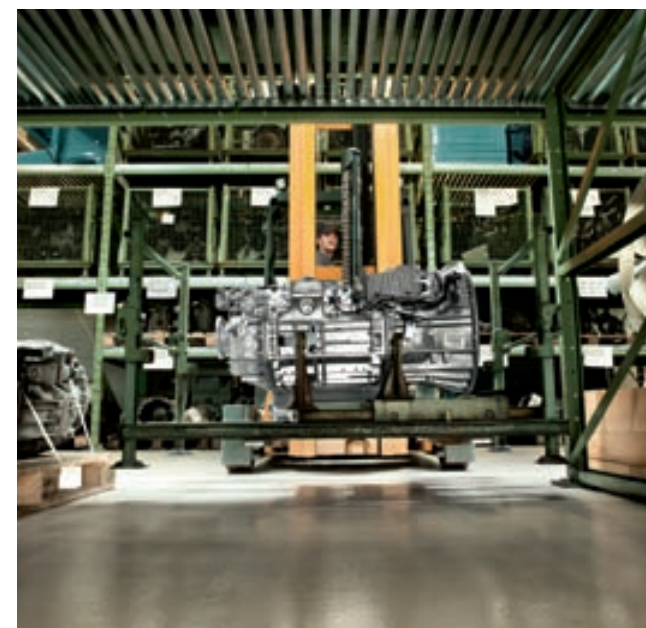
Low fuel consumption and low exhaust emissions are not only the result of innovative, advanced technology. They are also the result of an attitude that is gradually translating our commitment to more environmental protection into reality in both our products and in production.

BlueTec® makes the Actros and the Axor exceptionally economical. They impress with their low fuel consumption and, therefore, low CO₂ emissions. And to ensure that this also remains the case in the future, we are already working on solutions for the powertrain and for lower rolling resistance and wind resistance in order to further enhance efficiency.

But it is not only environmentally friendly powertrain systems that are important to us. The development of future-oriented trucks begins with the selection of suitable materials and continues with recycling-friendly design and production methods that conserve resources. In addition, BlueTecEco and the continuous further development of our driver assistance systems, the use of FleetBoard® and Mercedes-Benz DriverTraining actively contribute to environmental protection. Because building trucks does not mean having only trucks in mind.



Mercedes-Benz Trucks has devised BlueTecEco – a package consisting of all the measures which make a significant contribution towards making transportation more cost-effective and environmentally compatible. In short: BlueTecEco stands for efficient, fuel-saving vehicle technology, advice and driver training courses



In the case of the Actros and the Axor, particular attention was paid to the reusability of the materials employed and a recycling-compatible design right from the start. As a result, around 85% of all the materials in the Actros and the Axor can be reused when the vehicle has reached the end of its operating life

Environmental protection is one of our major corporate goals. Accordingly the measures taken for the environmentally compatible production of our trucks encompass the entire production process: saving primary energy and reducing CO₂ emissions by heat recovery plays a major part in this, as does the use of water-soluble paints which significantly contributes to the reduction in solvent emissions. Other examples include the reduction of waste water, the avoidance of waste and uncompromising recycling, which all contribute to a positive eco-balance now and in the future.



BlueTec® technology provides further proof that environmental compatibility and cost-effectiveness are not mutually exclusive: a low level of CO₂ emissions, particularly low particulate emissions and lower fuel consumption impressively demonstrate this



Environment-oriented research – in addition to the development of alternative drive systems for the future, our driver assistance systems and FleetBoard® are being continuously improved – for here too, the potentials for greater fuel economy and lower emissions have not yet been fully realised



The Wörth plant in Germany, where the Actros and the Axor are manufactured, operates an environmental management system, which is regularly scrutinised by independent environmental auditors and not only meets but exceeds all the requirements of the EMAS and ISO 14001 environmental standards



Advantages at a glance

- Environmentally conscious research and development
- Conservation of resources through environmentally compatible production
- BlueTecEco to make transportation more cost-effective and environmentally compatible
- Advanced engine technology for low fuel consumption and low exhaust emissions
- Future-oriented drive technologies and alternative fuels for more environmental compatibility
- Recycling-compatible design: up to 85% reusability
- Environmental management system at the Wörth plant, Germany
- Compliance with environmental standards EMAS and ISO 14001



It is not only our trucks that make the difference

To make sure that you are well prepared for the demands of long distance operations:
a Europe-wide service network and a comprehensive range of services will keep your wheels rolling day after day.

We are at your service. Europe-wide, with as many services as you want to use and always with precisely the service you require at the time. To this end you have over 1750 service outlets at your disposal throughout Europe – many of them open until 10 p.m. or midnight and some of them even open around the clock. In an emergency you can count on Mercedes-Benz Service 24h. Mercedes-Benz CharterWay are available to you for all matters relating to leasing and finance. And FleetBoard® is another means of achieving greater cost transparency and flexibility. Not forgetting the thousands of Mercedes-Benz employees who are happy to be of service, of course.



When you decide in favour of an Actros or an Axor, you have not only opted for an outstandingly reliable truck, but also for a servicing and service network on which you can rely at all times

Workshop service – we take this to mean extended opening hours, short repair times and efficient parts logistics. In other words, if your truck needs to visit one of our service outlets, it will only be there for as long as absolutely necessary. Our highly trained personnel will make sure of that, as will no less than 13 European parts centres. Breakdown service – whatever the time of day or night, a phone call to Mercedes-Benz Service 24h is enough

to summon immediate assistance. With a selection of key parts and the STAR diagnostic unit on board, our Mercedes-Benz Service 24h technicians are able to remedy around 80% of all breakdowns right on the spot. In an emergency Mercedes-Benz Service 24h is at your disposal around the clock under the toll-free number 00800 5 777 7777/+44 (0) 207 660 9992¹⁾ in most European countries.

Mercedes-Benz CharterWay, operating via the Mercedes-Benz dealer network, provides specialist financial and operational expertise to truck operators. Your Business Manager or Sales Executive will use their expertise and understanding of the business to find the right package for you.

¹⁾ Mobile telephone costs depend on the relevant service provider



Long workshop opening hours: there are over 1750 Mercedes-Benz workshops throughout Europe, with some 400 of them staying open until 10 p.m. More and more are open until midnight, and some are even open around the clock. This means that even more major repairs can be carried out within a single working day. To make sure that your truck is back on the road as soon as possible



FleetBoard® stands for greater cost-effectiveness thanks to modern fleet and transport management. This is because FleetBoard® allows a continuous exchange of information between the driver, vehicle and fleet headquarters. Which means that assignments are better coordinated and capacities utilised more efficiently. It is also possible to calculate the time left until the next service is due. And the operating analysis promotes a driving style that reduces both fuel consumption and wear and tear. For more flexibility and lower costs: www.fleetboard.com



Mercedes-Benz DriverTraining shows you how to utilise the potential of the Actros and the Axor to the full. Eco DriverTraining can result in a style of driving that can save up to 10% of fuel. And driver safety training teaches you how to master critical driving situations with confidence. Find out more about this and our CPC DriverTraining courses by visiting www.mercedes-benzdrivertraining.co.uk



Mercedes-Benz CharterWay Contract Hire takes away the task of running a commercial vehicle. You get the benefit of being able to predict precisely what your costs will be, with the reassurance of being supported by the Mercedes-Benz dealer network. For more information visit www.charterwaytrucks.co.uk



Advantages at a glance

- Extensive workshop network with over 1750 service outlets throughout Europe
- Long workshop opening hours, often until 10 p.m. or midnight and some even open around the clock
- High level of parts availability thanks to 13 European parts centres
- In an emergency Mercedes-Benz Service 24h is at your disposal around the clock under the toll-free number 00800 5 777 7777 / +44 (0) 207 660 9992¹⁾ in most European countries
- Extensive portfolio of services for greater cost effectiveness, e.g. FleetBoard®, Mercedes-Benz CharterWay and Mercedes-Benz DriverTraining





All those who are already completely satisfied should simply look away now

For all the others: the range of Mercedes-Benz original accessories for the Actros and the Axor includes everything a vehicle operator needs. And everything drivers might wish for.

Striking, comfortable, practical and safe – the range of Mercedes-Benz genuine accessories for the Actros and the Axor leaves practically no wish unanswered. Examples include the chrome package for the Actros, whose outstanding design comes to the fore even more thanks to the shining contours. And of course items such as the bed-set, the humble yet extremely useful water canister or perhaps the reversing camera. Our extensive range of Mercedes-Benz genuine accessories has many more practical, useful and attractive items with which you can equip the Actros or the Axor exactly according to your own, individual preferences. You can find out more from your Mercedes-Benz dealer.



More shine for an even more distinctive appearance – the 5-piece chrome package for Actros MegaSpace cabs emphasises the characteristic lines of the grille and accentuates the effortlessly superior, dynamic design of the cab with gleaming touches



A stylish entry – slip-resistant, stainless steel entry steps for the Actros and the Axor. A stainless steel front step is also available for Actros MegaSpace cabs. Other stainless steel items such as brackets for roof-mounted spotlights, compressed air horns or wheel accessories are also available

We have developed the range of Mercedes-Benz accessories for the Actros and the Axor so that you feel really comfortable and at ease in your workplace. The items provide both visual and technical highlights, and give your vehicle that very personal touch. After all, why not feel at home even when you're on the road.

More information about the accessories for the Actros and the Axor is available from your Mercedes-Benz dealer.



The reversing camera is activated by engaging reverse gear, makes the area behind the vehicle visible and therefore improves safety and accident protection e.g. during slow-speed manoeuvres. The camera features a temperature sensor which activates the integral heating at temperatures below 10 °C – which allows the camera to be used all year round. Distortion-free, low-reflection images on the 7" display increase safety even further



The pneumatically adjustable back support improves seating comfort and effectively relieves tension in the lumbar region. The neck support available for all seats with an integral head restraint is another luxurious touch for enhanced comfort



The bed-set – the pillow and duvet are particularly easy to clean and soft to the touch. While the sheets included in the set are extremely comfortable and washable up to 60°



The subwoofer ensures a superior sound experience. It is installed in the stowage compartment behind the driver's seat, and operated by a remote control located to the left of the seat. To avoid damage the subwoofer should only be installed using the supplied installation kit



This electronic lubrication system makes manual lubrication of low-maintenance fifth-wheel couplings unnecessary for up to 300,000 km or three years. The system can be quickly and easily retrofitted to all low-maintenance fifth-wheel couplings



Advantages at a glance

- Reversing camera for more safety and improved accident protection
- Back and neck support for enhanced seating comfort
- Lubetronic – electronic lubrication system for low-maintenance fifth-wheel couplings
- Comfortable, easy-to-clean bed-set for a good night's sleep
- Actros chrome package for a gleaming, individual look
- Subwoofer for a superior sound experience
- Slip-resistant, stainless steel entry steps



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